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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/061,126	01/30/2002	Arnold Kholodenko	6089P1/CALB/ECP/PJS	2260
32588	7590	04/26/2005	EXAMINER	
APPLIED MATERIALS, INC. 2881 SCOTT BLVD. M/S 2061 SANTA CLARA, CA 95050			ZHENG, LOIS L	
			ART UNIT	PAPER NUMBER

1742

DATE MAILED: 04/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/061,126

Applicant(s)

KHOLODENKO, ARNOLD

Examiner

Lois Zheng

Art Unit

1742

– The MAILING DATE of this communication appears on the cover sheet with the correspondence address –
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM
THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 10 February 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 and 37-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 and 37-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

Status of Claims

1. Claims 1-17 and 37-40 are currently under examination.

Status of Previous Rejections

2. The rejection of claims 1-17 and 37-38 under 35 U.S.C. 112, first paragraph, is withdrawn in view of the amendment filed on 10 February 2005.

Claim Rejections - 35 USC § 103

3. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
4. Claims 1-5, 7-13, 15-17 and 37-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over WO 99/54920(WO '920) in view of Miller et al. US 4,801,865 (Miller).

The rejection ground for claims 1-5, 7-13, 15-17 and 37-38 are stated in paragraph 7 of the previous Non-Final Office Action. The rejection has been **maintained** as is incorporated herein.

5. Claims 6 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over WO '920 in view of Miller et al. US 4,801,865 (Miller) as applied to claims 1-5, 7-13, 15-17 and 37-38 above, and further in view of Dordi et al. US 6,635,157(Dordi).

The rejection ground for claims 6 and 14 are stated in paragraph 8 of the previous Non-Final Office Action. The rejection has been **maintained** as is incorporated herein.

6. Claims 1-2, 7, 9-10, 15 and 17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Crafts et al. US 5,807,469(Crafts) in view of Miller.

The rejection ground for claims 1-2, 7, 9-10, 15 and 17 are stated in paragraph 9 of the previous Non-Final Office Action. The rejection has been **maintained** and incorporated herein.

7. Claims 6 and 14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Crafts in view of Miller as applied to claims 1-2, 7, 9-10, 15 and 17 above, and further in view of Dordi.

The rejection ground for claims 6 and 14 are stated in paragraph 10 of the previous Non-Final Office Action. The rejection has been **maintained** and incorporated herein.

8. Claims 1-17 and 37-38 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dordi in view of Miller, and further in view of WO '920.

The rejection ground for claims 1-17 and 37-38 are stated in paragraph 11 of the previous Non-Final Office Action. The rejection has been **maintained** and incorporated herein.

9. Claims 39-40 are rejected under 35 U.S.C. 103(a) as being unpatentable over Dordi in view of Miller.

The rejection ground for claims 39-40 are stated in paragraph 12 of the previous Non-Final Office Action. The rejection has been **maintained** and incorporated herein.

Response to Arguments

10. Applicant's arguments filed 10 February 2005 have been fully considered but they are not persuasive.

In the remarks, applicant argues that the combinations of WO'920 in view of Miller, WO'920 in view of Miller and Dordi, Crafts in view of Miller, Dordi in view of Miller, Dordi in view of Miller and WO'920 do not suggest to motivate the claimed subject matter because Miller is neither in the applicant's field of endeavor nor pertinent to the particular problem with which the inventor is concerned.

As stated in paragraph 15 of the previous Non-Final Office Action, a reference is reasonably pertinent if, even though it may be in a different field from that of the inventor's endeavor, it is one which, because of the matter which it deals, logically would have commended itself to an inventor's attention in considering his problem. See MPEP 2141.01(a). In this case, both Miller and the instant invention are concerned with connecting the contact pin to a receiving member, which renders Miller a pertinent prior art even if Miller is in a different field of endeavor than the applicant's.

In addition, the applicant is reminded that it is not necessary that the prior art suggest the combination to achieve the same advantage or result discovered by applicant. As stated in MPEP 2144, while there must be motivation to make the claimed invention, there is no requirement that the prior art provide the same reason as the applicant to make the claimed invention. Therefore, even though Miller does not specifically teach brazing to eliminate air bubble, Miller does teach brazing as one of conventional method to attach a contact pin to a receiving member(col. 3 lines 6-9) and brazing is known in the art to produce more continuous bonding then welding due to its high operating temperature as stated in paragraph 6 of the previous Office Action dated 25 September 2003.

Therefore, the examiner considers applicant's argument regarding Miller reference not persuasive.

Conclusion

11. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Lois Zheng whose telephone number is (571) 272-1248. The examiner can normally be reached on 8:30am - 5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Roy King can be reached on (571) 272-1244. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 1742

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

LLZ

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SUPERVISORY PATENT EXAMINER
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